



PRODUCT: RAM Rear Control Arm Upgrade Kit

REV: A | 06-28-2022 | II-8060

READ INSTRUCTIONS IN FULL BEFORE INSTALLATION.

QUESTIONS? CALL 916-631-8071 M-F 7:00 AM – 5:00 PM PST

The MetalCloak experience includes the ease of installation of our products. We design for most contingencies, but installation may be different based on different vehicle condition, configuration and/or year.

We are continually trying to improve our products and instructions – please help us by providing feedback and pictures if you find any part of the instructions that do not match your particular vehicle or are not easily understandable.

If you have any difficulties at all, please give us a call. Thank you and enjoy your MetalCloak Products!

IMPORTANT NOTE: We use Stainless Steel Hardware where possible. Therefore, a tube of Silver Anti-seize is provided and should be used on all bolts—only a small amount is needed.

WARRANTY INFORMATION: This article is sold without warranty expressed or implied. No warranty or representation is made as to this products ability to protect the user from injury or death. The user assumes that risk. The effectiveness, warranty and longevity of this equipment are directly related to the manner in which it is INSTALLED, USED and/or MAINTAINED. THE USER ASSUMES ALL RISK. By purchasing this product and opening the packaging, purchasers expressly acknowledge, understand and agree that they take, select and purchase these MetalCloak products from Armored Works, LLC, its affiliates and distributors and agents as is and with all faults. The entire risk as to the quality and performance of these MetalCloak products is with the purchaser. Working on your vehicle can be a dangerous activity. If you are unsure of what you are doing, please leave mechanical or safety critical work to a skilled mechanic. We take no responsibility for the incorrect use and/or installation of MetalCloak products.

Section 1: Tools & Notes on Installation



Tools Required: This list is the recommended tools for ease of installation. Other versions of the same tool can be used. For example, Allen Wrenches instead of Allen Drive Sockets.



Socket & Ratchet Wrench

13mm Socket
30mm Socket



HOW TO USE THIS GUIDE: The installation guide contains ALL steps for installation. Please read and follow the instructions in order of each page top to bottom, and left to right.

Jeep Model: Instructions may apply to multiple truck models, but are labeled separately where appropriate (i.e. TJ vs. LJ).

Options: Because of the number of component options we offer, these instructions may contain steps that will not match your particular configuration. You can skip these steps.

Images: Pictures are provided and parts are labeled throughout the instructions. Each text box contains guidance based on the pictures next to it. The text will refer to alphabetical labels (A, B, etc.) found in the images.

Installation Notes: Terms may be used in the body of the instructions that you may not be familiar with, if you have any questions feel free to contact us at the number below, or email techhelp@metalcloak.com

QUESTIONS: Any questions or comments about the instructions? Call us at 916-631-8071 M-F 7:00 AM – 5:00 PM PST.

Section 2: Product Components



DC-0001 Rev B

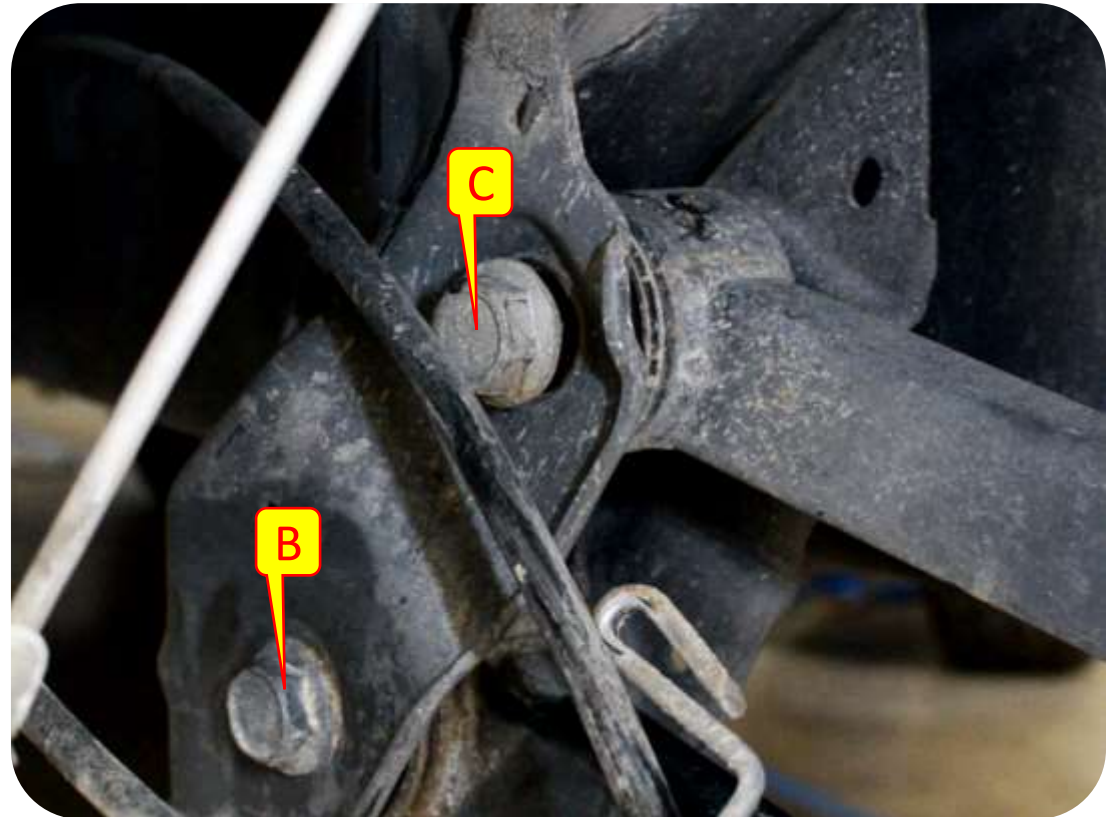
SHEET 1 OF 1

	1	2	3	4	5	6	7	8	
	ITEM	PART NUMBER/DESCRIPTION			QTY.				
	1	8023 CONTROL ARM PAIR, RAM 2500 REAR LOWER			1				
E	2	8024 CONTROL ARM PAIR, RAM 2500 REAR UPPER			1				
D									
C									
B									
A									
					<p>THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ARMORED WORKS, LLC. UNAUTHORIZED REPRODUCTION IS PROHIBITED.</p> <p>DO NOT SCALE DRAWING</p>		<p>A DIVISION OF ARMORED WORKS, LLC</p>		
					<p>PART NUMBER/DESCRIPTION</p> <p>8060 DUROFLEX REAR ARM UPGRADE, 2.5IN RAM 2500 (14+)</p>				

Section 3: Installation Instructions

Step 1: Disconnect Stock Lower Rear Control Arms

- A. Disconnect the brake line mount from the driver side stock control arm using a 13mm socket and remove the mount from the brake line.
- B. Using a 30mm socket remove the rear lower control arms.
- C. Using a 30mm socket remove the rear upper control arms.



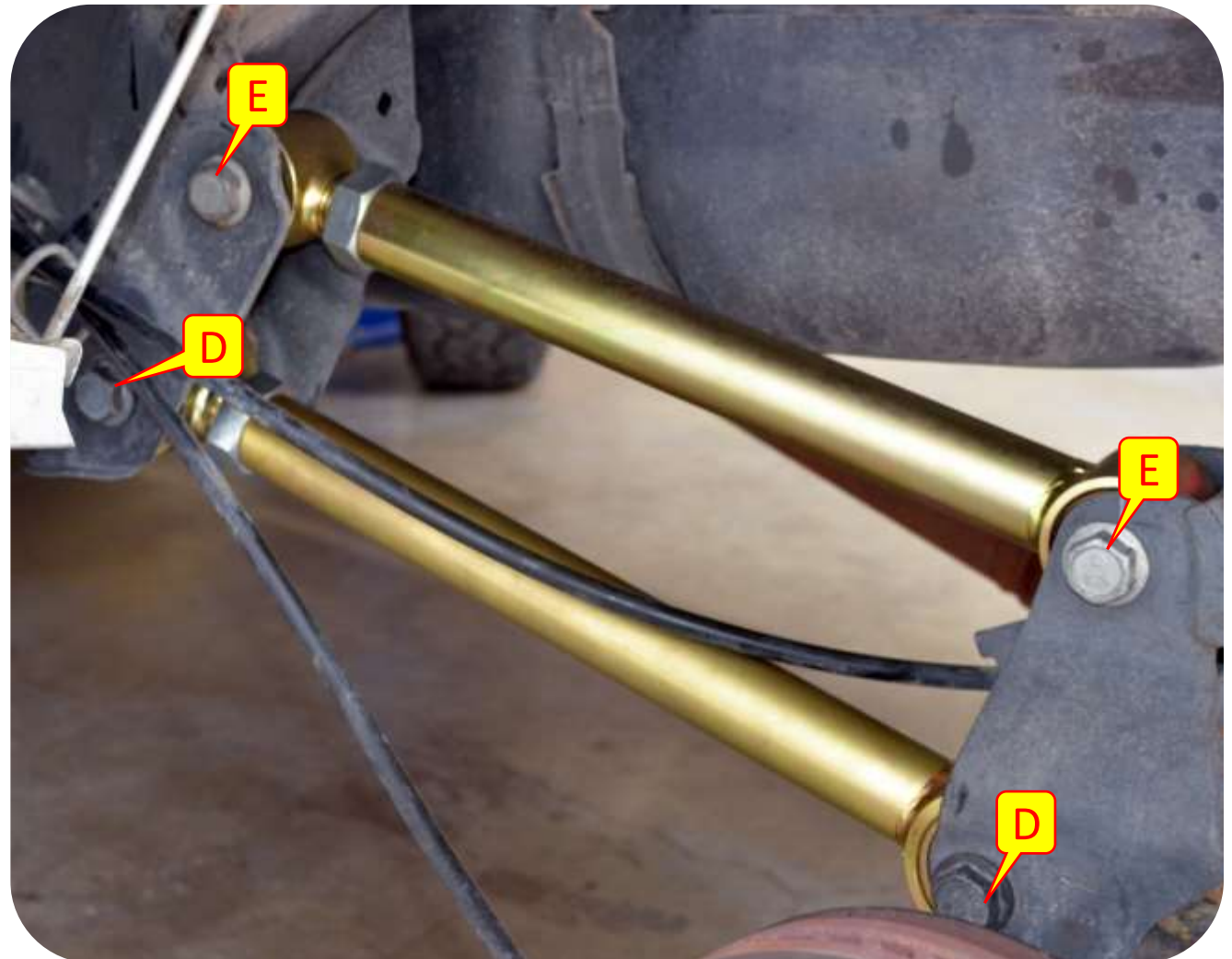
Section 3: Installation Instructions

Step 2: Install the Rear Lower Control Arms

	Castor Angle	Front Control Arms		Rear Control Arms	
		Lower	Upper	Lower	Upper
RAM Lock-N-Load Suspension	4.6 Degrees	38 1/8"	18 1/4"	23 1/4"	21 1/4"

Important Note: Remove and install the rear control arms one side at a time.

- D. Install the lower rear control arms using the stock hardware.
- E. Install the upper rear control arms using the stock hardware.



Section 3: Installation Instructions



Step 3: Rear Pinion Angle Adjustment *(if required)*

- F. The Control Arm lengths given are recommended as starting points **ONLY**. Your vehicle will tell you if the pinion needs to be adjusted. When you drive the truck for the first time after installing the lift, if you notice rear drive line vibrations, pay attention to when the vibrations occur.
- G. If you notice vibrations during acceleration this would indicate that your pinion is too high. You can correct this condition by adjusting your rear upper control arms to a shorter length or by increasing the length of your rear lower control arms.
- H. If you notice Vibrations during Deceleration this would indicate that your pinion is too low. You can correct this condition by increasing the length of your rear upper control arms, or by adjusting the rear lower arms to a shorter length.